

**AMENDMENTS TO THE SPECIFICATION:**

*Please replace paragraph [27] with the following amended paragraph:*

[27] An embodiment of the present invention uses a pilot pattern for an uplink synchronization detection. Accordingly, multiple sections for measuring a quality of a pilot and multiple synchronization detection threshold values ( $Q_{in}$ ) are used to judge the uplink synchronization detection. The synchronization detection threshold value ( $Q_{in}$ ) indicates a bit error ~~ate~~ rate (BER) of a pilot pattern for detecting in-synchronization.